

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-265957

(43)Date of publication of application : 17.10.1995

(51)Int.Cl.

B21D 5/02

(21)Application number : 07-045931

(71)Applicant : KOMATSU LTD

(22)Date of filing : 06.03.1995

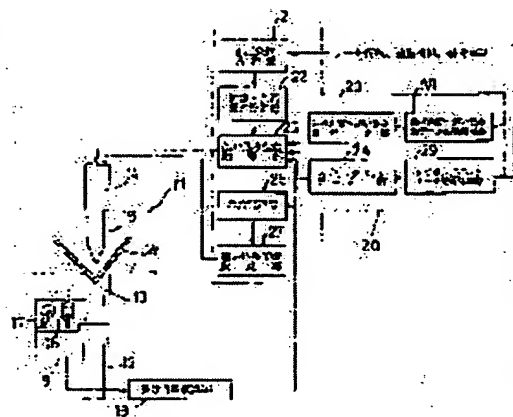
(72)Inventor : TOKAI SHIGERU

(54) PRESS BRAKE

(57)Abstract:

PURPOSE: To provide a press brake capable of bending a plate-shaped work with high precision and in a short time.

CONSTITUTION: In the bending of a work W, the temporary advancement position of a ram 14 is found from the working condition of the work to be received from a working condition input part 21 and the relationship between the spring back angle and the target bending angle of the work stored in a spring back data part 24, the ram 14 is driven to this temporary advancement position, and the bending angle of the work is detected by an angle measuring unit 18 at the position. Then, the final advancement position of the ram 14 is obtained from this detected bending angle and the relationship between the advancement of the ram 14 and the bending angle of the work stored in a bending angle - advancement data part 23, and the relationship between the spring back angle and the target bending angle of the work stored in the spring back data part 24, and the ram 14 is driven to this obtained final advancement position to complete the bending.



LEGAL STATUS

[Date of request for examination]

02.05.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

3373075

[Date of registration]

22.11.2002

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office